

1775 U.S. PTO

# UTILITY PATENT APPLICATION TRANSMITTAL

(only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.

END-5043

First Inventor

T. Douglas Mast et al.

Title

METHOD FOR MAPPING TEMPERATURE RISE USING PULSE-ECHO ULTRASOUND

Express Mail Label No.

ER 593 030 200 US

## APPLICATION ELEMENTS

See MPEP Chapter 600 concerning utility patent application contents.

ADDRESSED TO: Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)  
(submit an original and a duplicate for fee processing)2. ☐ Applicant claims small entity status.3. ☒ Specification [Total Pages 26]

(Preferred arrangement set forth below)

- Descriptive Title of the Invention
- Cross Reference to Related Applications
- Statement Regarding Fed sponsored R&D
- Reference to sequence listing, a table, or a computer program listing appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claim(s)
- Abstract of the Disclosure

4. ☒ Drawing(s) (35 USC 113) [Total Sheets 9]

5. Oath or Declaration [Total Pages 3]

a. ☒ Newly executed (original or copy)b. ☐ Copy from a prior application (37 CFR 1.63(d))

(for continuation/divisional with Box 18 completed)

i. ☐ **DELETION OF INVENTOR(S)**

Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).

6. ☐ Application Data Sheet. See 37 CFR 1.767. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)

8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)

a. ☐ Computer Readable Form (CRF)b. ☐ Specification Sequence Listing on:i. ☐ CD-ROM or CD-R (2 copies); orii. ☐ paperc. ☐ Statement verifying identity of above copies

## ACCOMPANYING APPLICATION PARTS

9. ☒ Assignment Papers (cover sheet & document(s))10. ☐ 37 CFR 3.73(b) Statement ☐ Power of Attorney  
(when there is an assignee)11. ☐ English Translation Document (if applicable)12. ☒ Information Disclosure Statement(IDS)/PTO-1449 ☒ Copies of IDS Citations13. ☐ Preliminary Amendment14. ☒ Return Receipt Postcard (MPEP 503)

(Should be specifically itemized)

15. ☐ Certified Copy of Priority Document(s)

(if foreign priority is claimed)

16. ☐ Request and Certifications under 35 U.S.C. 122

(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.

17. ☐ Other18. ☐ If a CONTINUING APPLICATION, check appropriate box and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:☐ Continuation ☐ Divisional ☒ Continuation-in-Part (CIP) of prior application No.: 10/153,241 filed May 22, 2002, which claims priority to US Provisional Application Serial Number 60/294,135 filed May 29, 2001.

Prior application information: Examiner Francis J. Jaworski Group Art Unit: 3737

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 19. CORRESPONDENCE ADDRESS

☒ Customer Number or Bar Code Label 000027777 or ☐ Correspondence Address below

Name: Philip S. Johnson, Esq.

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New Brunswick, NJ 08933-7003 USA

## 20. TELEPHONE CONTACT

Please direct all telephone calls or telefaxes to Verne E. Kreger, Jr. at:

Telephone: (513) 337-3295

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## 21. SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED

NAME

Verne E. Kreger, Jr.

Reg. No. 35,231

SIGNATURE

DATE

December 11, 2003

17548 U.S. PTO  
10/735045

121203

121203

17178 U.S. PTO

# FEE TRANSMITTAL

Complete if Known

Application Number	
Filing Date	December 12, 2003
First Named Inventor	T. Douglas Mast et al.
Group Art Unit	Not assigned
Examiner Name	Not assigned
Attorney Docket Number	END 5043

## FEE CALCULATION

### CLAIMS AS FILED

(1)	(2)	(3)	(4)	(5)
FOR:	NUMBER FILED	NUMBER EXTRA	RATE	BASIC FEE \$770.00
TOTAL CLAIMS	21 - 20 =	1	x 18.00	\$ 18.00
INDEPENDENT CLAIMS	5 - 3 =	2	x 86.00	\$172.00
MULTIPLE DEPENDENT CLAIMS	<input type="checkbox"/>	N/A	\$280.00	
			TOTAL FEES	\$ 960.00

## METHOD OF PAYMENT

- ☒ Please charge Deposit Account No. 10-0750/END 5043/VEK in the amount of \$960.00.
- ☒ The Commissioner is hereby authorized to charge any additional fees which may be required in connection with the filing of this communication, or credit any overpayment, to Account No. 10-0750/5043/VEK. Three copies of this sheet are enclosed.

<b>SUBMITTED BY:</b>		<i>Complete (if applicable)</i>
Typed or Printed Name	Verne E. Kreger, Jr.	Reg. No. 35,231
Signature	<i>Verne E. Kreger Jr.</i>	Date: December <u>11</u> , 2003
		<b>Deposit Account No. 10-0750</b>